PTO/SB/21 (08-03) (AW 10/2003)

Approved for use through 7/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## **TRANSMITTAL FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission 257

Application Number	09/937,185		
Filing Date	September 21, 200		
First Named Inventor	Shunsuke Ohtsuka et al.		
Art Unit	2811		
Examiner Name	Sara W. Crane	-	
Attorney Docket No.	NSG-202US		

	NCLOSUR	ES (Check all that apply)		<del></del>			
Fee Transmittal Form Fee Attached		ing(s)		After Allowance Communication to Group			
Amendment/Reply After Final Affidavits/Declaration(s)  Extension of Time Request  Express Abandonment Request  Information Disclosure Statement  Certified Copy of Priority Document(s)  Response to Missing Parts/ Incomplete Application	Provi	on to Convert to a sional Application er of Attorney, Revocation, age of Correspondence		Appeal Communication to Board of Appeals and Interferences  Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  Proprietary Information  Status Letter  Other Enclosure(s) (please identify below): Request for Refund; Copy of Response filed August 6, 2003 and Date Stamped Return Receipt Postcard			
Response to Missing Parts under 37 CFR 1.52 or 1.53	Remarks:			31,549 91,549 31,549 31,549			
SIGNATURE	OF APPLIC	CANT, ATTORNEY OR AG	ENT	2 0 7			
Firm or Individual Signature Date December 17, 2003		Registration No. (Attorney/Ag	gent)	31,549 GY: CE VE			
CERTIFICATE OF TRANSMISSION / MAILING							
I hereby certify that this correspondence is being facsimile postage as first class mail in an envelope addressed to: C VA 22313-1450 on this date:  Name (Print/Type) Tonya M. Berger				tes Postal Service with sufficient  December 17, 2003			
Signature Tonya W. Berger	em!	Berces	Date	December 17, 2003			

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is soverned by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, ALEXANDRIA, VA 22313-1450.

PTO/SB/17 (10-03) (AW 12/2003)

Approved for use through 7/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

	FEE TRANSMITTAL
	for FY 2004
Eff	ctive 10/01/2003. Patent fees are subject to annual revision.

09/937,185 Application Number September 21, 200 € Filing Date Shunsuke Ohtsuka et al. First Named Inventor Sara W. Crane Examiner Name

Complete if Known

Applicant claims small entity status. See 37 CFR 1.27

Art Unit Attorney Docket No. NSG-202US

2811

TOTAL AMOUNT OF PAYMENT

ENT & TRAT

1280

(1)										
METHOD OF PAYMENT (check all that apply)					FEE CALCULATION (continued)					
☐ Check ☐ Credit Card ☐ Money ☐ Other ☐ None					<b>DITION</b> Entity		S LEntity			
Deposit Acco	ount:	Or	rder	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	
Deposit	18-035			1051	130	2051	65	Surcharge - late filing fee or oath		
Account Number Deposit		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.				
Account Name	Ratner	rPrestia	3	1053	130	1053	130	Non-English specification		
	authorized	to: (ch	eck all that apply)	1812	2,520	1812	2,520	For filing a request for ex parte reexamination		
☐ Charge fee ☐ Credit any			w .	1804	920*	1804	920*	Requesting publication of SIR prior to		
Charge any	/ additional	fee(s)	or any underpayment of fee(s) w, except for the filing fee to the	1805	1,840*	1805	1,840*	Examiner action Requesting publication of SIR after Examiner action		
above-iden				1251	110	2251	55	Extension for reply within first month		
•		FEE C	ALCULATION	1252	420	2252	210	Extension for reply within second month		
1. BASIC F	ILING FEE			1253	950	2253	475	Extension for reply within third month	950	
Large Entity	Small Ent	•		1254	1,480	2254	740	Extension for reply within fourth month		
Fee Fee Code (\$)		Fee (\$)	Fee Description Fee Paid	1255	2,010	2255	1,005	Extension for reply within fifth month		
1001 770		385	Utility filing fee	1401	330	2401	165	Notice of Appeal	330	
1002 340		170	Design filing fee	1402	330	2402	165	Filing a brief in support of an appeal		
1003 530 1004 770		265 385	Plant filing fee Reissue filing fee	1403	290	2403	145	Request for oral hearing		
1005 160	2005	80	Provisional filling fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding		
	011			1452	110	2452	55	Petition to revive – unavoidable		
		ВТОТА		1453	1,330	2453	665	Petition to revive – unintentional		
2. EXTRA CLA	IM FEES F	OR U	TILITY AND REISSUE  Extra Fee from Fee	1501	1,330	2501	665	Utility issue fee (or reissue)		
_			Claims below Paid	1502	480	2502	240	Design issue fee		
Total Claims	-20*	* =	0 X = 0	1503	640	2503	320	Plant issue fee		
Claims	-3**	* =	0 X = 0	1460	130	1460	130	Petitions to the Commissioner		
Multiple Dependent			X = 0	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		
Large Entity	Small E	ntity		1806	180	1806	180	Submission of Information Disclosure Stmt		
Fee Fee Code (\$)	Fee Code	Fee (\$)	Fee Description	8021	40	8021	40	Recording each patent assignment per		
1202 18	2202	9	Claims in excess of 20	1809	770	2809	385	property (times number of properties) Filing a submission after final rejection (37		
1201 86	2201	43	Independent claims in excess of 3	1810	770	2810	385	CFR § 1.129(a))	<u> </u>	
1203 290	2203	145	Multiple dependent claim, if not paid  ** Reissue independent claims over	1010	770	2010	300	For each additional invention to be examined (37 CFR § 1.129(b))		
1204 86	2204	43	original patent	1801	770	2801	385	Request for Continued Examination (RCE)		
1205 18	2205	9	** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	Request for expedited examination of a design application		
		s	SUBTOTAL (2) (\$) 0	Other	fee (spe	cify)				
**or number provi	iousty paid if	greate	r; For Reissues, see above	*Red	ced by	Basic F	iling Fee	Paid SUBTOTAL (3) (\$) 1280	- 7	
or number prev	iousiy palu, li	yı cale	1, 1011/6/33063, 366 80076						L	

SUBMITTED BY	. 0			Con	nplete (if applicable)
Name (Print/Type)	Kenneth N. Migon	Registration No. Attorney/Agent)	31,549	Telephone	(6100407-0700
Signature	1 / Mu	ACO		Date	December 17, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/17 (10-03) (AW 12/2003)

Approved for use through 7/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required

FEE	TR	AN	SMIT	TAL
	for	FY	2004	ļ.

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL	<b>AMOUNT</b>	OF	<b>PAYMENT</b>
-------	---------------	----	----------------

(\$) 1280

	Complete if Known							
Application Number	09/937,185							
Filing Date	September 21, 200							
First Named Inventor	Shunsuke Ohtsuka et al.							
Examiner Name	Sara W. Crane							
Art Unit	2811							
Attorney Docket No.	NSG-202US							

METHOD OF PAYMENT (check all that apply)								FEE	CALCULATION (continued)		
☑ Chec	k 🔲 c	redit Card		oney 🗍 Other	None		DDITIO		ES Il Entity		
🛭 Dеро	sit Acco	unt:	O.	der		Fee Code	Fee	Fee Code	Fee (\$)	Fee Description	Fee Paid
Deposi Accour		10.035				1051	130	2051	65	Surcharge - late filing fee or oath	
Numbe Deposi	er				1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.		
Accour Name		Ratner	Prestia	) 		1053		1053	130	Non-English specification	
				eck all that app	ly)	1812		1812	2,520	For filing a request for ex parte reexamination	
		s) indicater verpaymer		N		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
☐ Char	rge fee(	<ul><li>s) indicated</li></ul>	d belov	w, except for t	syment of fee(s) he filing fee to the	1805	1,840	1805	1,840°		
abov	/e-ident	ified depos	it acco	ount.		1251	110	2251	55	Extension for reply within first month	
			FEE C	ALCULATION		1252	420	2252	210	Extension for reply within second month	
1. B	ASIC F	ILING FEE				1253	950	2253	475	Extension for reply within third month	950
Large En	•	Small Ent	•			1254	1,480	2254	740	Extension for reply within fourth month	
Fee Code	Fee (\$)		=ee \$)	Fee Descriptio	n Fee Paid	1255	2,010	2255	1,005	Extension for reply within fifth month	
1001	770		885	Utility filing fee		1401	330	2401	165	Notice of Appeal	330
1002	340		70	Design filing fee	,	1402	330	2402	165	Filing a brief in support of an appeal	
1003 1004	530 770		165 185	Plant filing fee		1403	290	2403	145	Request for oral hearing	
1005	160		80	•	Reissue filing fee			1451	1,510	Petition to institute a public use proceeding	
		eus		1 (4)		1452	110	2452	55	Petition to revive - unavoidable	
			TOTA		(\$) 0	1453	1,330	2453	665	Petition to revive – unintentional	
2. EXTR	A CLAI	M FEES F	OR U1	FILITY AND RE	EISSUE Fee from Fee	1501	1,330	2501	665	Utility issue fee (or reissue)	
				Claims	below Paid	1502	480	2502	240	Design issue fee	
Total Claim		-20*'	. =	0 X	= 0	1503	640	2503	320	Plant issue fee	
Independent Claims	·	-3**	=	0 X	= 0	1460	130	1460	130	Petitions to the Commissioner	
Multiple		<del></del>	•	x [	= 0	1807	50	1807			<del>  </del>
Dependent	-4:4.	C	.4.4.	^l				1	50	Processing fee under 37 CFR 1.17(q)	<b></b>
Large E	ntity Fee	Small En	fity Fee			1806	180	1806	180	Submission of Information Disclosure Stmt	
Code	(\$)	Code	(\$)	Fee Descrip		8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1202 1201	18 86	2202 2201	9 43	Claims in excess of 20 1809 770 2809 385 Filing a submission after final rejection (			Filing a submission after final rejection (37				
1201	290	2203	145	•	claims in excess of 3 endent claim, if not paid	1810	770	2810	385	CFR § 1.129(a)) For each additional invention to be	<b></b>
1204	86	2204	43	** Reissue in	dependent claims over					examined (37 CFR § 1.129(b))	<u> </u>
				original pater	nt aims in excess of 20 and	1801	770	2801	385	Request for Continued Examination (RCE)	
1205	18	2205	9	over original		1802	900	1802	900	Request for expedited examination of a design application	
			SI	JBTOTAL (2)	(\$) 0	Other	fee (spe	cify)			
**or numb	er nrevia	usly paid if	orester	For Reissues, se	a above	*Red	uced by	Basic Fi	iling Fee	Paid SUBTOTAL (3) (\$) 1280	
Or Hone	- PIEVIO	Gory Para, II	A. COICI							,,,,	ii

SUBMITTED BY Complete (if applicable)							
Name (Print/Type)	Kennejn N. Migon	egistration No. Attorney/Agent)	31,549	Telephone	(6100407-0700		
Signature	1 Mu			Date	December 17, 2003		

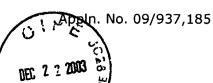
WARNING: Information on this form may become public. Credit card information should not

WARNING: Information on-Knis form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO'NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completion the form call 1-800-PTO-0199 (1-800-786-0109) and select online 2



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No:

09/937,185

Applicant:

Shunsuke Ohtsuka et al.

Filed:

September 21, 2001

Title: TC/A.U.: LIGHT-EMITTING THYRISTOR MATRIX ARRAY 2811

Examiner:

Sara W. Crane

Confirmation No.: 6364

Docket No.:

NSG-202US

## PETITION TO ENTER AN AMENDMENT AFTER FINAL REJECTION AS THE DATE THE AMENDMENT WAS RECEIVED AT THE USPTO UNDER 37 C.F.R. § 1.181 OR § 1.182

Mail Stop AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

SIR:

Applicant requests that the response to the Final Rejection be entered in the aboveidentified application as timely filed and that if an Advisory Action is issued in response to this Amendment, that the shortened statute period for response be reset to the mailing date of the Advisory Action.

This information is being submitted promptly after applicant has learned that the Amendment After Final Action filed August 6, 2003 in response to the Final Office Action dated June 17, 2003 was not entered by the U.S. Patent and Trademark Office.

Submitted herewith is a copy of the Transmittal, Amendment After Final Action and date stamped Return Receipt Postcard as mailed to the U.S. Patent and Trademark Office on August 6, 2003.

I, attorney for applicant, attest to the timely transmission of the correspondence referred to above based on my own personal knowledge.

Please proceed with the prosecution of this application on the basis of the attached copy of the papers originally filed on August 6, 2003. Acknowledgement of the status of this application is respectfully requested.

Respectfully Submitted,

Kenneth N. Nigon, Reg. No. 31,549

Attorney for Applicant

KNN/tmb

Dated: December 17, 2003

Suite 301 One Westlakes, Berwyn P.O. Box 980 Valley Forge, PA 19482-0980 (610) 407-0700

The Assistant Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. 18-0350 of any fees associated with this communication.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

December 17, 2003

Tonya M. Berger